

## **Data Exchange for Two Software Systems Co-Existing on a Computer**

### **Abstract**

A data exchange system is disclosed for exchanging data between two software systems running on a computer for maintaining data consistency in databases in the two software systems in real-time. The data exchange system comprises a first and a second data-exchanging software systems. The first data-exchanging software system operates as an application software under the Microsoft Windows or Linux operating system of the computer and comprises an OS data synchronization module, an OS data exchange module, an OS exchange databank, and an OS standard-format databank. The second data-exchanging software system operates as another application software under the One-Touch OS<sup>TM</sup> operating system and comprises an AP data synchronization module, an AP data exchange module, an AP exchange databank, and an AP standard-format databank. The OS data exchange module accesses information stored in the AP standard-format databank for comparison with information stored in the OS exchange databank. The OS data synchronization module synchronizes the compared information designated by a user of the computer, and the AP data exchange module accesses information stored in the OS standard-format databank for comparison with information stored in the AP exchange databank. The AP data synchronization module synchronizes the compared information designated by the user.